

Little Kaukauna Lock and Dam, Storage Building
Approximately 100 feet southwest of the garage
Rockland
Brown County
Wisconsin

HAER No. WI-89-D

HAER
WIS
S-ROCK,
ID-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN ENGINEERING RECORD
Rocky Mountain System Support Office
National Park Service
P.O. Box 25287
Denver, Colorado 80225-0287

HISTORIC AMERICAN ENGINEERING RECORD

LITTLE KAUKAUNA LOCK AND DAM, STORAGE BUILDING

HAER NO. WI-89-D

HAER
WIS
5-ROCK,
10-

Location: The storage building at Little Kaukauna is located northeast of the lock shelter and west of the garage in the SW1/4, Section 18, T22N, R20E, Civil Town of Rockland, Brown County, Wisconsin.

UTM: 16/410460/4914240; USGS Quadrangle: De Pere, Wisconsin 7.5' series

Date of Construction: 1983

Engineer: United States Army Corps of Engineers with Contractors

Architect: United States Army Corps of Engineers with Contractors

Present Owner: United States Army Corps of Engineers

Present Use: Storage of paint and petroleum products.

Significance: The storage shed functions as part of the daily operation of the Little Kaukauna Lock and Dam Complex.

Project Information: This documentation was undertaken in 1995 in accordance with requirements detailed in a June 19, 1994 letter from Gregory D. Kendrick, Chief, History Branch, NPS to Dale Monteith, Acting Chief, Planning Division, USACOE, Detroit District. The Lower Fox system remains basically operational but was placed in caretaker status by the USACOE in 1982. The USACOE plans to divest itself of the Lower Fox system as soon as is feasible; therefore, NPS requested this documentation. All documentation conforms to HAER standards.

Dr. John D. Richards, Principal Investigator; Georgia A. Lusk, Patricia B. Richards, and Robert J. Watson, Project Archivists with Great Lakes Archaeological Research Center, Inc.; Joseph Paskus, Project Photographer.

STORAGE BUILDING

A 5 foot 4 inch by 5 foot 4 inch metal storage shed is located west of the garage. Constructed in the 1980s, the storage shed is a pre-fabricated structure manufactured by Armco Building Systems of Cincinnati, Ohio. The modular wall panels, which are bolted onto a concrete slab foundation, support a flat roof.¹ An entrance door is located on the southeast side of the storage shed, and a single, louvered vent is centered on the opposite side.²

ENDNOTES

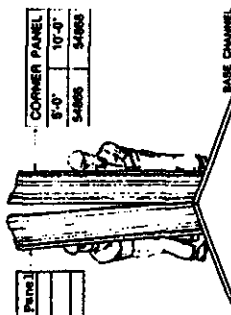
- 1 Armco Steel Buildings, Erection Instructions TL-1 Building, sheets ET-115, ET-116, ET-118, ET-119.
- 2 Armco Steel Buildings, Erection Instructions TL-1 Building, sheets EW-109, E-159.

CORNER ERECTION

Starting at a corner assemble a corner panel and typical panel by bolting the interlocking rib to the base channel with bolt size and nut S1183. Plumb the corner and wrench tighten nut and bolt. Mark door and window locations so that short panels can be installed.

Typical Steel Line Panel	
R.O.	10'-0"
SLUG	54498

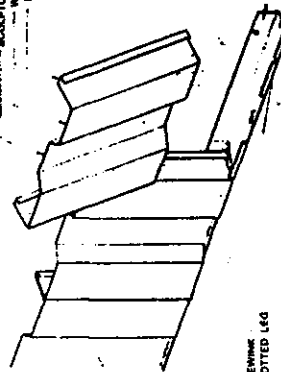
CORNER PANEL	
R.O.	10'-0"
SLUG	54498



BASE CHANNEL

PANELS OVER SLYING DOORS	
ALL	8'
SIZES	54498
	54504

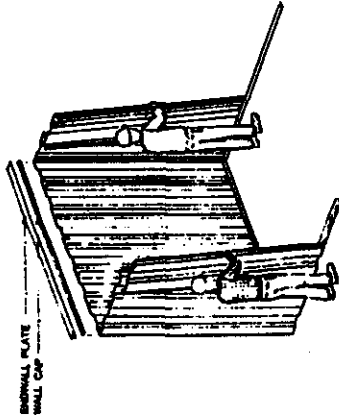
SCULPTURE



EYEWINK
SLOTTED LEG

WALL ERECTION

Erect end wall panels by placing the bottom of panel on base channel with panel ribs in base channel slots and panel web against slotted leg. Panel top flange must be level with base channel eye-bolt. Interconnect ribs with the base rib of the preceding panel and bolt interconnect ribs to the base channel.

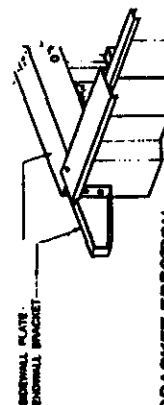


ENDWALL PLATE

WALL CAP AND PLATE SCHEDULE	
BLDG. WIDTH	8'-0"
ENDWALL CAP	60284 60286 60284 60286
REAR OR ENDWALL PLATE	60210 60211 60212 60213
FRONT PLATE	60231 60232 60233 60234

WALL CAP & PLATE ERECTION

Place wall cap and plate on endwall panels. Plumb and secure panels, but do not wrench tighten plate bolts. Erect the side walls, one wall from outside the building and the other wall from inside the building. Install additional wall caps and plates against corner panels. Top of front plate should be 1" above wall panels and rear plate should rest on wall panels. Erect second end wall and wall cap. Position and wall plates flush with front and rear plates, then wrench tighten all plate bolts. See door and window instructions for installation. For 8'-4" long building field cut between plate and wall cap.



ENDWALL PLATE

BRACKET ERECTION

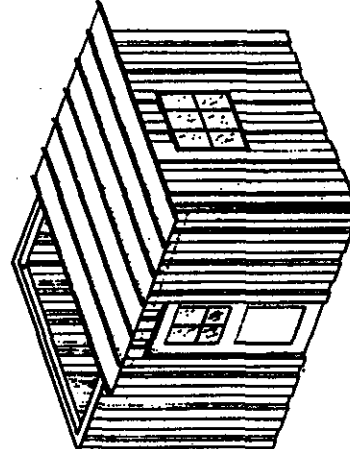
Attach end wall brackets (60214 or 60215) flush with top of endwall plates using two 1/2" x 1/2" T1058 at each corner. Field drill using 1/4" drill.

ROOF ERECTION

* If ceiling is to be installed, it must be erected at the same time as is the roof...see std. ceiling detail.

Check building walls for plumb and square. Apply a continuous strip of tape sealant on top of plates. Set the first roof panel with the female rib 8" outside of endwall and with 8" of overhang on each side wall. Field drill roof panels to match holes in plate and bolt with 1/4" x 3/8" bolts with weather seal washers. Continue setting roof panels bolting only to the rear plate and keeping ends of panels even. Move rear wall and set the roof panels to maintain the 8" overhang. Again check the walls for plumb and square.

Field drill and bolt the roof panels to the front plate and endwall plates. Place fascia over male rib of the last roof panel. * (Note: If ceiling is to be installed, do not erect last roof panel at this time...see std. ceiling details.) If alternate curtain-fascia is used, see ET-321. Attach male flashing 60235 around building with #10 x 7/8" SWS 18" O.C. Field cut ends at corners for closing tab.



ROOF PANELS	
BLDG. WIDTH	8'-0"
A L.O.D.	58978 54648 54649 59065
B L.O.D.	58978 54648 54649 59067
C L.O.D.	58978 54648 54649 66661
D L.O.D.	58978 54648 54649 59067
E L.O.D.	58978 54648 54649 59067

ROOF AND WALL ERECTION TL-1 BUILDING

ET-119
